

STUDY 12 MAR

Work Order ID 68875

Thursday, April 21, 2011 1:57:08 PM



Item ID: D412-702-021

Accept



Setup Start



Revision ID:

Stop



Item Name: 13-Man Shoulder Harness, 4 point

Start Date: 4/21/2011 Start Qty: 1.00



Cust Item ID:

Required Date: 5/13/2011 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan: CL Date: 11/04/21 Tooling: _____ Date: _____

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start



Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
N/A	Rev N/A								

100

0.00



DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile and create labels per PPP D412-702-021 CHG002

8 MAR 12

HAR BG 11-5-4

110

0.00



Pick Kit

Memo

0.00

Packaging

Packaging

11/5/8 1x SP

120

0.00



QC4- 100% Inspect kits for completeness

Memo

0.00

QC

Quality Control

8 MAR 12

(40)

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE		By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)							
DATE	STEP	Description of NC Section A	Corrective Action		Section B		Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng		Sign & Date			

NOTE: Date & initial all entries

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Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130 	Packaging	0.00				11/5/12			
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D412-702-021 Location: <u>52</u>								
140 	QC21- Final Inspection - Work Order Release	0.00							
QC	Memo	0.00							
Quality Control									

11/5/12

ME

11-05-12

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE		By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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Picklist Print

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Page 1

Work Order ID: 68875

Parent Item: D412-702-021

Parent Item Name: 13-Man Shoulder Harness, 4 point

Start Date: 4/21/2011

Required Date: 5/13/2011

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:B Removed Manufacturing 05-11-08 JLM
 IPP Rev:C 06.04.03 As per DSI9324 JLM
 IPP rev D 06.12.14 per ecn 871 EC
 IPP Rev:E 07-03-14 As per DSI 9351 JLM
 IPP Rev:F 07-07-28 As per Rev E JLM Verified By:ec

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

AN4-13A

Purchased

No

120

Each

356.0000

4

4



Bolt

Location

Loc Qty

Loc Code

ST357

356

117313

356

AN4-20A

Purchased

No

120

Each

315.0000

8



Bolt

Location

Loc Qty

Loc Code

ST359

315

115936

115

116419

200

AN4-5A

Purchased

No

120

Each

148.0000

4

4



Bolt

Location

Loc Qty

Loc Code

ST356

148

116191

98

116549

50

AN960JD416

NAS1149D0463J

Purchased

No

120

Each

0.0000

20

20



Washer



1117291

11/5/11

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE		By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)							
DATE	STEP	Description of NC Section A	Corrective Action		Section B		Verification Section C	Approval Chief Eng	Approval QC Inspector
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Page 2

Work Order ID: 68875

Parent Item: D412-702-021

Parent Item Name: 13-Man Shoulder Harness, 4 point

Start Date: 4/21/2011

Required Date: 5/13/2011

Start Qty: 1.00

Required Qty: 1.00

D3195-041	Manufactured	No	120	Each	0.0000	2	2	368998 11/5/11 sp
Bracket Assembly								
D3195-043	Manufactured	No	120	Each	2.0000	2	2	
Bracket Assembly								

			<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>			
			ST246A	2				
			68268	2				
D3196-1	Manufactured	No	120	Each	0.0000	1	1	69326 11/5/12 sp
Bar								
D3196-3	Manufactured	No	120	Each	3.0000	1	1	
Bar								

			<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>			
			ST260	3				
			67794	3				
D3196-4	Manufactured	No	120	Each	4.0000	1	1	
Bar								

			<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>			
			ST260	4				
			67740	4				
D3197-041	Manufactured	No	120	Each	2.0000	2	2	11/5/11 sp
Bar Assembly								

			<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>			
			ST096	2				
			67678	2				

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Shop Packet Print

Page 2

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE		By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)							
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Work Order ID: 68875

Parent Item: D412-702-021

Parent Item Name: 13-Man Shoulder Harness, 4 point

Start Date: 4/21/2011

Required Date: 5/13/2011

Start Qty: 1.00

Required Qty: 1.00

D3198-1
Fitting

Manufactured No

120 Each

7.0000

4

4

Location

Loc Qty

Loc Code

ST246A

7

39525

1

68428

6

D3268-1
Placard

Manufactured No

120 Each

6.0000

2

2

Location

Loc Qty

Loc Code

ST246A

6

64841

6

D3446-041
Harness Assembly

Manufactured No

120 Each

1.0000

9

9

Location

Loc Qty

Loc Code

MEZZ

1

40783

1

D3446-043
Harness Assembly

Manufactured No

120 Each

130.0000

4

4

Location

Loc Qty

Loc Code

MEZZ

130

40426

20

40458

13

41001

97

W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE		By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)							
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Work Order ID: 68875

Parent Item: D412-702-021

Parent Item Name: 13-Man Shoulder Harness, 4 point

Start Date: 4/21/2011

Required Date: 5/13/2011

Start Qty: 1.00

Required Qty: 1.00

D3546-1

Manufactured

No

120

Each

4.0000

2

2



Clip

Location

Loc Qty

Loc Code

ST245

4

66797

4

D3551-11

Manufactured

No

120

Each

30.0000

13

13



Hook and Loop Tie

Location

Loc Qty

Loc Code

ST246A

30

68427

30

D412-702-069

Manufactured

No

120

Each

0.0000

1

1



Grommet

MS21042L4

Purchased

No

120

Each

5,333.000

12

12



Nut

Location

Loc Qty

Loc Code

ST300

5333

116188

333

116823

2000

117441

3000

MS24694-S152

Purchased

No

120

Each

69.0000

8

8



Screw

Location

Loc Qty

Loc Code

ST289A

69

116440

69

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W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE		By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)							
DATE	STEP	Description of NC Section A	Corrective Action		Section B		Verification Section C	Approval Chief Eng	Approval QC Inspector
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NOTE: Date & initial all entries

Picklist Print

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Work Order ID: 68875



Parent Item: D412-702-021



Parent Item Name: 13-Man Shoulder Harness, 4 point

Start Date: 4/21/2011

Required Date: 5/13/2011

Start Qty: 1.00

Required Qty: 1.00

MS24694-S154

Purchased

No

120

Each

8.0000

8

1 8



SCREW



11/5/58

Location

Loc Qty

Loc Code

ST290

8

116328

8

8

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W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE		By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)							
DATE	STEP	Description of NC Section A	Corrective Action		Section B		Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date				

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QTY -021	QTY -023	QTY -025	QTY -027	QTY -029	QTY -035	Part Number	Description
X						D412-702-021	Dart 13-Man Shoulder Harness Kit, 4-point
	X					D412-702-023	Dart 5-Man Forward Facing Shoulder Harness Kit, 4-point
		X				D412-702-025	Dart 4-Man Aft Facing Shoulder Harness Kit, 4-point
			X			D412-702-027	Dart 4-Man Side Facing Shoulder Harness Kit, 4-point
				X		D412-702-029	Dart 1-Man Forward Facing Shoulder Harness Kit, 4-point
					X	D214-702-035	Dart 5-Man Aft Facing Shoulder Harness Kit, 4-point, for Bell 214B/B-1
1	1		1	1		D412-702-069	GROMMET KIT
2	2					D3195-041	BRACKET
2	2					D3195-043	BRACKET
1	1			1		D3196-1	BAR
1			1			D3196-3	BAR
1			1			D3196-4	BAR
2	2					D3197-041	BAR
4		4				D3198-1	FITTING
2	2					D3268-1	PLACARD
9	5		4	1		D3446-041	HARNESS ASSEMBLY, 4 POINT
4		4				D3446-043	HARNESS ASSEMBLY, 4 POINT
					5	D3446-045	HARNESS ASSEMBLY, 4 POINT
13	5	4	4	1	5	D3551-11	HOOK AND LOOP TIE
2	2					D3546-1	CLIP
4		4				AN4-5A	BOLT
4	4					AN4-13A	BOLT
8		8				AN4-20A	BOLT
20		20				AN960JD416	WASHER (OR NAS1149D0463J)
12		12				MS21042L4	NUT (OR MS21042-4)
8	2		6	2		MS24694-S152	SCREW
8	2		6	2		MS24694-S154	SCREW

QTY -069	Part Number	Description
X	D412-702-069	GROMMET KIT
24	D3619-2	GROMMET
1	D3619-2T1	HOLE PUNCH
1	D3619-2T2	STRIKER BLOCK
1	D3619-2T3	PUNCH
1	D3619-2T4	DIE